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IAP60
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PATENT & TRADEMARK OFFICE

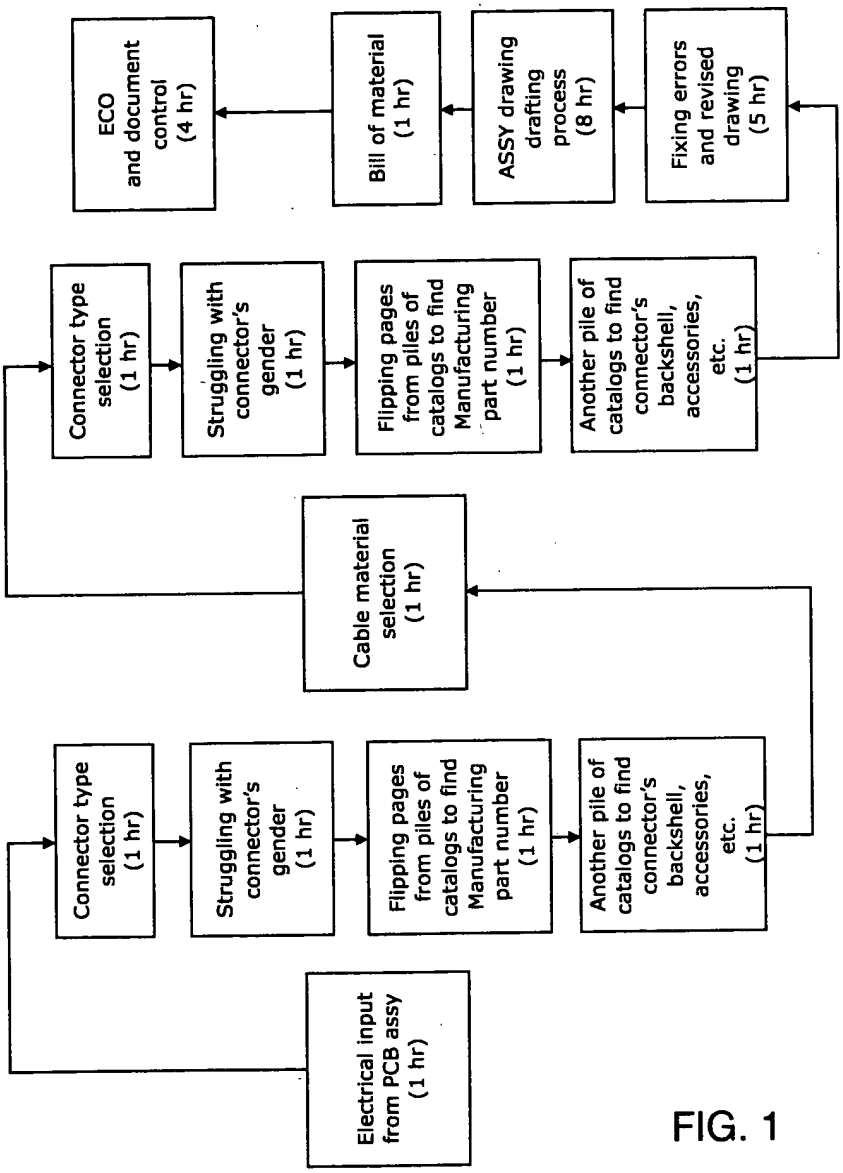
ECO and document control (4 hr)
Bill of material (1 hr)
ASSY drawing drafting process (8 hr)
Fixing errors and revised drawing (5 hr)
Connector type selection (1 hr)
Struggling with connector's gender (1 hr)
Flipping pages from piles of catalogs to find Manufacturing part number (1 hr)
Another pile of catalogs to find connector's backshell, accessories, etc. (1 hr)
Cable material selection (1 hr)
Connector type selection (1 hr)
Struggling with connector's gender (1 hr)
Flipping pages from piles of catalogs to find Manufacturing part number (1 hr)
Another pile of catalogs to find connector's backshell, accessories, etc. (1 hr)
Electrical input from PCB assy (1 hr)

FIG. 1

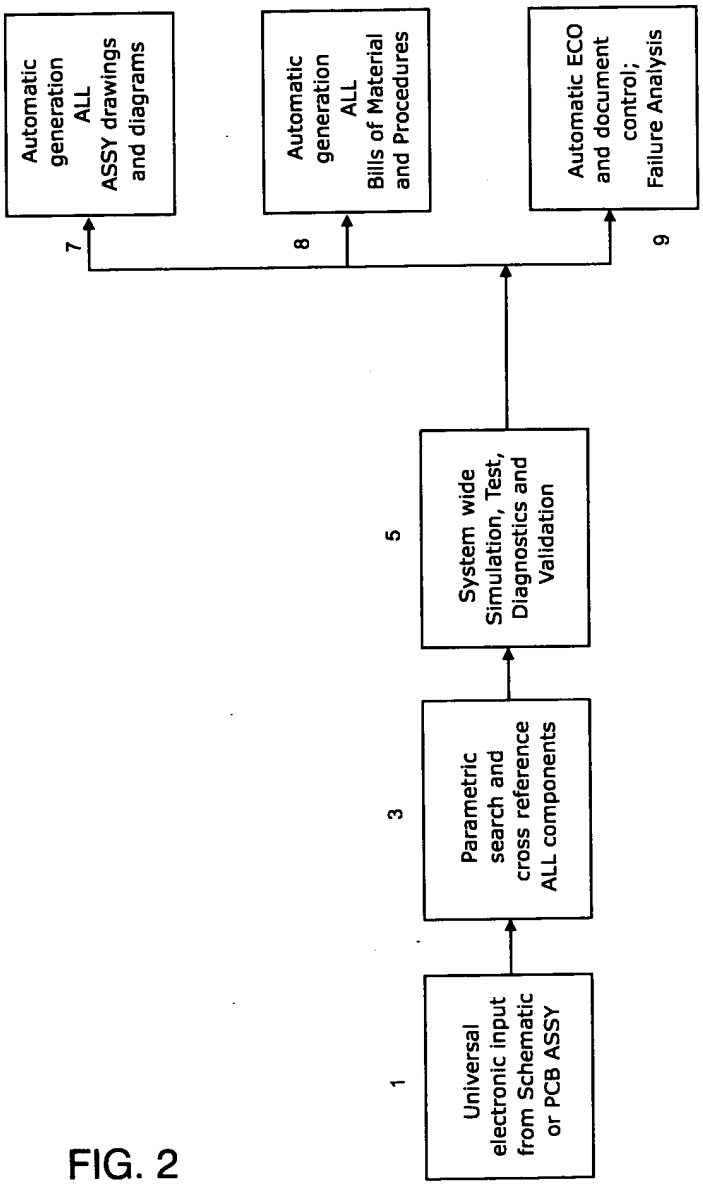
Universal electronic input from Schematic or PCB ASSY
1
Parametric search and cross reference ALL components
3
System wide Simulation, Test, Diagnostics and Validation
5
Automatic generation ALL ASSY drawings and diagrams
7
Automatic generation ALL Bills of Material and Procedures
8
Automatic ECO and document control; Failure Analysis
9

FIG. 2